

Questions and Answers, Part 1 – Hydraulic Master Contract 2015

Date: January 23, 2015

County: Statewide

Project Description: Provide Hydraulic Engineering Services - Statewide.

Dates Published in Clarion Ledger: January 14th and 21st, 2015

From: Scot Ehgott, P.E. – MDOT Director of Consultant Services

Question #1: How many projects/contracts does MDOT project for this master contract?

Answer: MDOT cannot project the number of Work Assignments under this Master Contract. However, MDOT has executed approximately 35-40 Work Assignments under the current Master Contracts to date.

Question #2: Who are the firms currently on this Master Contract?

Answer: CDM Smith Inc.
ICA Engineering, Inc.
HNTB Corporation
Mendrop Engineering Resources, LLC
Michael Baker Jr., Inc.
Pritchett Engineering & Planning, LLC
URS Corporation
Volkert, Inc.
Waggoner Engineering, Inc.

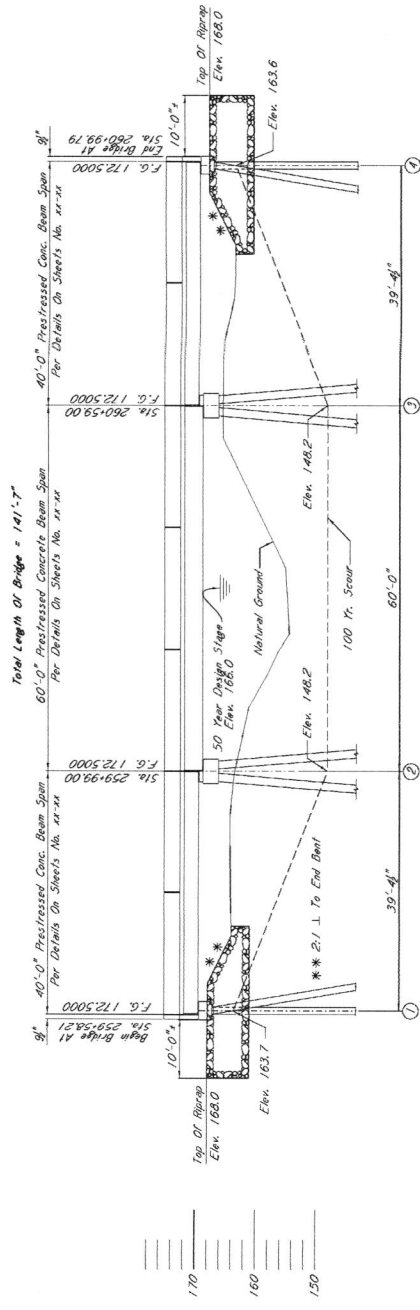
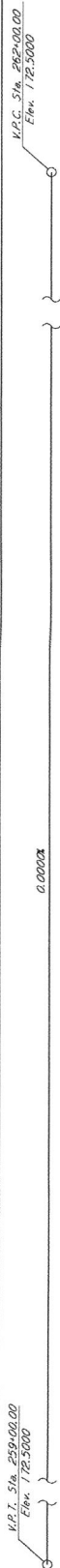
Question #3: Will this Master Contract require complete bridge design or only conceptual/preliminary layouts based upon hydraulic and hydrologic modeling and design?

Answer: Conceptual/preliminary layouts only

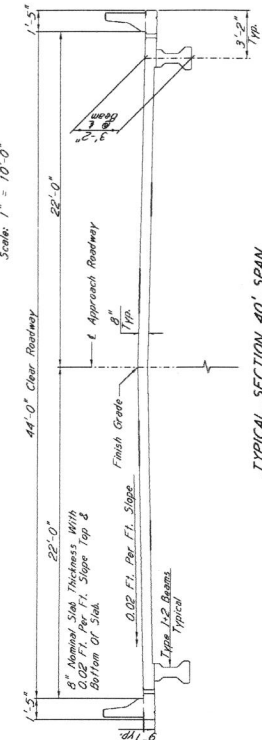
Question #4: Will preliminary layouts be provided to the firm selected by the current Bridge Master Contract firm or will it be the sole responsibility of the firm selected for this Master Contract to provide those?

Answer: Preliminary layouts provided to consultants on the Bridge Master would be provided per Bridge Division. The layouts are not typically used for final Bridge Design, but discretion for usage would be up to Bridge Design. The firms selected are expected to provide conceptual and preliminary layouts similarly as specified in the current Bridge and Roadway Masters, example is attached.

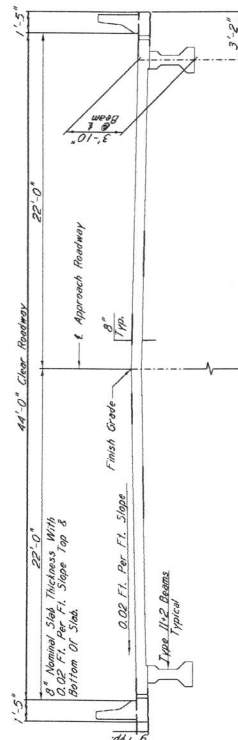
STATE	PROJECT NO.
MISS.	BR-0070-01(006)



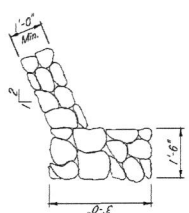
ELEVATION WITH PROFILE ALONG & APPROACH ROADWAY ARC



TYPICAL SECTION 40' SPAN



TYPICAL SECTION 60' SPAN



RIPRAP TOE DETAILS

500 YEAR SCOUR	Bank No.	Elevation
	1	163.2
	2	148.0
	3	148.0
	4	163.1

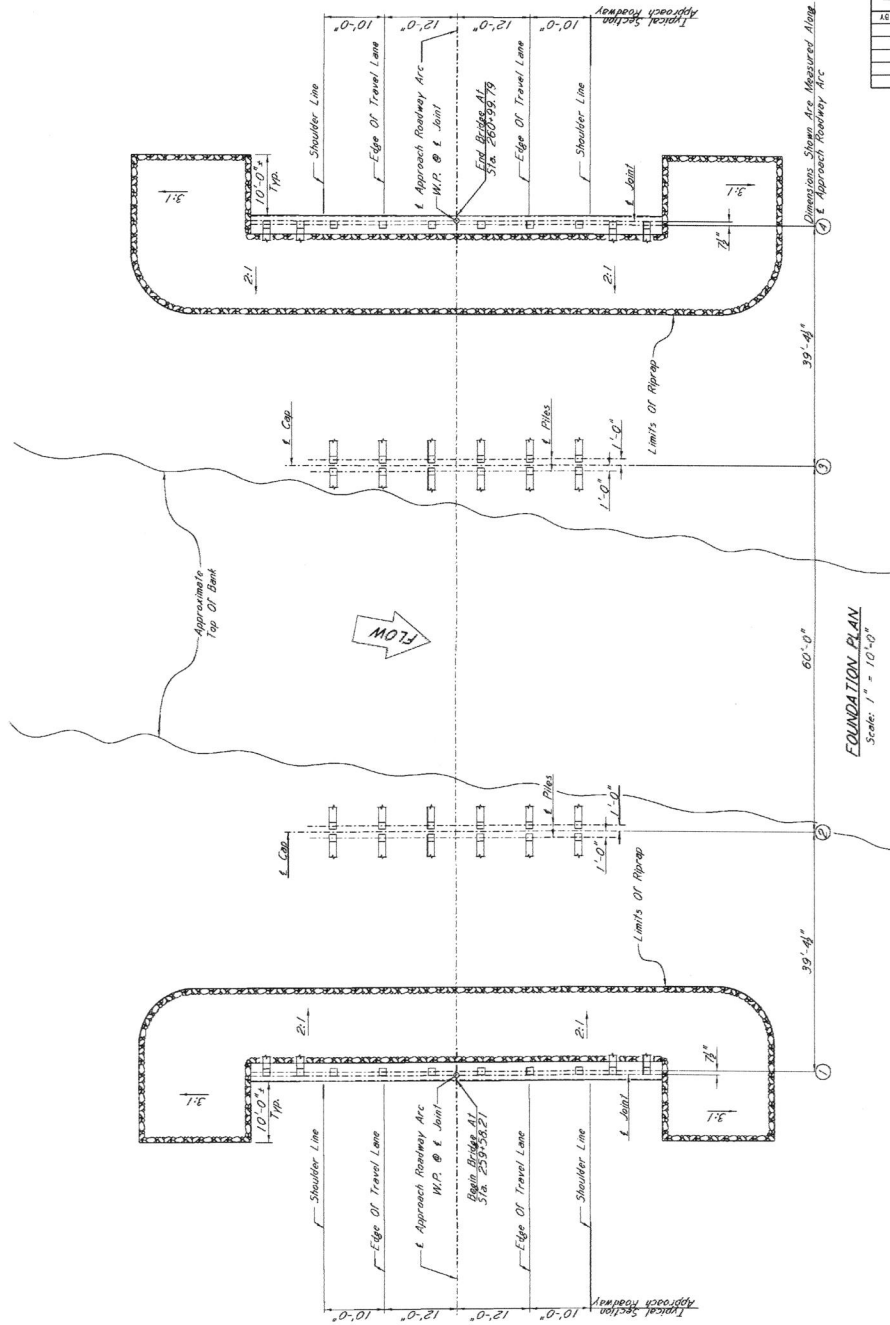
DRAINAGE DATA:
 Drainage Area 2.49 sq. mi.
 Total CSD (U.S.G.S.) 648 c.f.s.
 Effective Area 480 sq. ft.
 DESIGN DATA:
 Specifications A.S.H.T.O., LRFD 2010
 Concrete Class "Ad" 14,000 p.s.i.
 Reinforcing Steel A.S.T.M. A615 Gr. 60
 Riprap 18" Class "Ad" 14,000 p.s.i.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
BRIDGE AT STA. 259+58.21 LT. LN.	
S.R. 6 ACROSS KAY BAYOU	
PROJECT 102733/301000	WORKING NUMBER
BR-0070-01(006)	A1 OF 2
COAHOMA COUNTY	SHEET NUMBER
COAHOMA COUNTY	XXX
DESIGNED: JBR	CHECKED: JBR
DRAWN: JBR	DATE: 01/04/12
ISSUED: 01/04/12	



STATE	PROJECT NO.
MISS.	BR-0070-01(008)

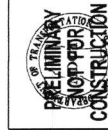
North Arrow



FOUNDATION PLAN
Scale: 1" = 10'-0"

CURVE DATA:
 $R = 514.274 + 01.692$
 $D = 071.520 + 000$
 $L = 1,682.954$
 $P = 259.748 + 920$
 $PC = Sta. 257+408.738$
 $PT = Sta. 274+01.692$

NOTE: Fabric is Required Under All Bays Located Beneath The Bridge Deck And Shall Extend Four (4) Feet Beyond The Edge Of The Deck. Additional Geotextile Fabric Shall Be Placed As Directed By The Engineer.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 259+58.21 LT. LN.	
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DESIGNED - JBR	DRAWN - JBR
CHECKED - JBR	DATE: 01/04/12
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WORKING NUMBER	XXX
SHEET NUMBER	A2 OF 2